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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/051,887	
	Filing Date	January 15, 2002	
	First Named Inventor	Blount, Richard N.	
	Group Art Unit	2631	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	4	Attorney Docket Number	017018-54.00US

ENCLOSURES <i>(check all that apply)</i>		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers <i>(for an Application)</i> <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i> <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i> 1) Response to Notice of Omitted Item(s) In A Nonprovisional Application; and 2) Copy of Notice of Omitted Item(s) In A Nonprovisional Application; 3) Return Receipt Postcard
Remarks		The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm and Individual name	Townsend and Townsend and Crew LLP Kenneth R. Allen Reg. No. 27,301
Signature	<i>Kenneth R. Allen</i>
Date	March 15, 2002

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: March 15, 2002	
Typed or printed name	Diane E. Hawley
Signature	<i>Diane E. Hawley</i>
Date	March 15, 2002

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PA 3207498 v1



MAR 19 2002

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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/051,887	01/15/2002	Richard N. Blount	017018-54.00US

CONFIRMATION NO. 7948

20350

TOWNSEND AND TOWNSEND AND CREW, LLP
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FORMALITIES LETTER



OC000000007465475

Date Mailed: 02/12/2002

NOTICE OF OMITTED ITEM(S) IN A NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

A filing date has been accorded to the above-identified nonprovisional application papers; however, the following item(s) appear to have been omitted from the application:

- Figure(s) **8A-8D** described in the specification.

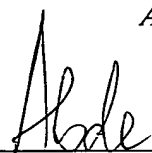

I. Should applicant contend that the above-noted omitted item(s) was in fact deposited in the U.S. Patent and Trademark Office (USPTO) with the nonprovisional application papers, a copy of this Notice and a petition (and \$130.00 petition fee (37 CFR 1.17(h))) with evidence of such deposit **must** be filed within **TWO MONTHS** of the date of this Notice. The petition fee will be refunded if it is determined that the item(s) was received by the USPTO.

II. Should applicant desire to supply the omitted item(s) and accept the date that such omitted item(s) was filed in the USPTO as the filing date of the above-identified application, a copy of this Notice, the omitted item(s) (with a supplemental oath or declaration in compliance with 37 CFR 1.63 and 1.64 referring to such items), and a petition under 37 CFR 1.182 (with the \$130.00 petition fee (37 CFR 1.17(h))) requesting the later filing date **must** be filed within **TWO MONTHS** of the date of this Notice.

III. The failure to file a petition (and petition fee) under the above options (I) or (II) within **TWO MONTHS** of the date of this Notice (37 CFR 1.181(f)) will be treated as a constructive acceptance by the applicant of the application as deposited in the USPTO. **THIS TWO MONTH PERIOD IS NOT EXTENDABLE UNDER 37 CFR 1.136(a) or (b).** In the absence of a timely filed petition in reply to this Notice, the application will maintain a filing date as of the date of deposit of the application papers in the USPTO, and original application papers (*i.e.*, the original disclosure of the invention) will include only those application papers present in the USPTO on the date of deposit.

In the event that applicant elects not to take action pursuant to options (I) or (II) above (thereby constructively electing option (III)), amendment of the specification to renumber the pages consecutively and cancel incomplete sentences caused by any omitted page(s), and/or amendment of the specification to cancel all references to any omitted drawing(s), relabel the drawing figures to be numbered consecutively (if necessary), and correct the references in the specification to the drawing figures to correspond with any relabelled drawing figures, is required. Any drawing changes should be accompanied by a copy of the drawing figures showing the proposed changes in red ink. Such amendment and/or correction to the drawing figures, if necessary, should be by way of preliminary amendment submitted prior to the first Office action to avoid delays in the prosecution of the application.

A copy of this notice MUST be returned with the reply.



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Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



#3
PATENT
Attorney Docket No.: 017018-54.00US
4-30-02
H. Little

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

RICHARD N. BLOUNT, et al.

Application No.: 10/051,887

Filed: January 15, 2002

For: SELF-INTERFERENCE
REMOVAL USING CONVERTER
COMPENSATION IN A DELAYED
COMMUNICATION SYSTEM

Art Unit: 2631

RESPONSE TO
NOTICE OF OMITTED ITEM(S) IN A
NONPROVISIONAL APPLICATION

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In response to the Notice of Omitted Item(s) In A Nonprovisional
Application mailed February 12, 2002, please amend the above-identified application as
follows:

IN THE SPECIFICATION:

On page 2, delete lines 24-25.

Amend page 2, line 26 as follows:

A1 Sub B17
Figures 7A-7D are block diagrams of components employed in digital
realizations of components of the invention.

Amend page 7, paragraph 34 as follows:

A2 Sub B27
The cancellation circuit 36 is illustrated. Its purpose in this context is to
take a replica of the modulated signal which has been compensated for upconverter-
introduced errors and compare it with a downconverter-compensated received signal and
remove the component of that received signal due to the user's own transmission,
including upconverter introduced errors. The cancellation circuit 36 finds application in
self-interference removal systems employing replica signal generation. The cancellation
circuit employs time and phase detectors to correlate the two complex input signals to